

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**PATENT APPLICATION TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



Sir:

Transmitted herewith for filing pursuant to 37 C.F.R. 1.53 is the patent application of:

**INVENTORS:**

Toshi SAEKI  
c/o Daiwa Kasei Industry Co., Ltd.  
1, Aza Kamihirachi, Hobo-cho,  
Okazaki-shi, Aichi 444-0004  
Japan

Makoto SUZUKI  
c/o Daiwa Kasei Industry Co., Ltd.  
1, Aza Kamihirachi, Hobo-cho,  
Okazaki-shi, Aichi 444-0004  
Japan

Katsumasa ISOGAI  
c/o Daiwa Kasei Industry Co., Ltd.  
1, Aza Kamihirachi, Hobo-cho,  
Okazaki-shi, Aichi 444-0004  
Japan

Kazuhiro HANAI  
c/o Daiwa Kasei Industry Co., Ltd.  
1, Aza Kamihirachi, Hobo-cho,  
Okazaki-shi, Aichi 444-0004  
Japan

Syuuichi HAZAMA  
c/o Daiwa Kasei Industry Co., Ltd.  
1, Aza Kamihirachi, Hobo-cho,  
Okazaki-shi, Aichi 444-0004  
Japan

**FOR: INJECTION MOLDING METHOD AND INJECTION MOLDING APPARATUS**

Enclosed are:

- ☒ (11) Eleven sheets of drawings.
- ☒ An Assignment of the invention to: Daiwa Kasei Industry Co., Ltd.
- ☒ An associate power of attorney.
- ☐ A Notice of Informal Filing of New Patent Application.
- ☐ A certified copy of the Japanese priority application No. \* filed \*\*\*

The filing fee is calculated as follows:

	CLAIMS AS	FILED	SMALL ENTITY		OTHER THAN A SMALL ENTITY
FOR	NO. FILED	NO. EXTRA	RATE FEE		RATE FEE
BASIC FEE			\$375		\$ 750
Total Claims	20-20=	13	x9=	Or	x18= -0-
Indep claims	7-3=	4	X42= -0-	or	x84= \$336
[ ] Multiple	Dep claims		+140= -0-	or	+280= -0-
			TOTAL		TOTAL \$1,086

☐ Checks in the amount of \$ (for the initial filing fee) and \$ (for additional claims) are enclosed.

☐ The Commissioner is hereby authorized to charge \$ to Deposit Account No. 20-1424 for the filing fee listed above.

☒ The Commissioner is hereby authorized to charge \$ 1,086 to the credit card identified in the attached Credit Card Payment Form for the filing fee listed above.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 20-1424. A duplicate copy of this sheet is attached.

☒ Any additional fees under 37 CFR 1.16 for the presentation of extra claims.

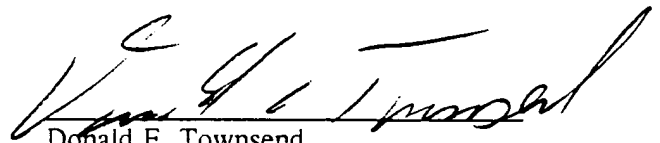
☒ Any patent application processing fees under 37 CFR 1.17.

☒ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 20-1424. A duplicate copy of this sheet is attached.

☒ Any patent application processing fees under 37 CFR 1.17, including extension of time fees.

☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Donald E. Townsend", written over a horizontal line.

Donald E. Townsend

Reg. No. 22.069

Date: August 4, 2003

LAW OFFICES OF TOWNSEND & BANTA  
Suite 900, South Building  
601 Pennsylvania Ave., N.W.  
Washington, D.C. 20004  
(202) 220-3124